IN THE SPECIFICATION:

Please amend the paragraph beginning on page 2 at line 8 as follows:

--(2) forming an association complex by using cation and anion, both being elements of the solutes, and finding a first value by calculating a first energy ~~of the association complex in a stable state~~ which represents a total energy of the association complex in a stable state;--

Please amend the paragraph beginning on page 2 at line 11 as follows:

--(3) finding a second value ~~and a third value by calculating a second and a third energies at reduction and oxidization of the association~~ by calculating the total energies of radical species derived from one-electron reduction of the association complex, and a third value by calculating the total energies of radical species derived from one-electron reduction of the association complex;--

Please amend the paragraph beginning on page 6 at line 22 as follows:

--As discussed above, application of a voltage between current collecting metals 5 and 6 allows minus electric charges and plus electric charges to attract cation 9 and anion 10 respectively onto the surfaces of activated carbons 7A and 7B disposed respectively inside metals 5 and 6. As a result, energy is stored in this electric double-layer capacitor. Application of a potential difference greater than a certain value V_E between cation 9 and the minus electric charges allows electrons to move from the surface of activated carbon 7A disposed inside metal 5 to electrolyte 8. Application of a potential difference greater than a certain value between anion 10 and the positive electron charges V_0 allows electrons to move from electrolyte 8 to the

surface of activated carbon 7B disposed inside metal 6. The withstanding voltage of an electric double layer capacitor is equal to a size of potential window (V_W) which is calculated by adding V_E and V_0.--

Please amend the paragraph beginning on page 14 at line 3 as follows:

--Step 10cC is finding a first C (1C) value by calculating a first C energy of trimer C through a simulation, while trimer [[B]] C is in a stable state.--